

Seth K. Lunn

CONTACT INFORMATION	288 Main Street Burlington, VT, 05401	contact@sethlunn.com github.com/guppitus
OBJECTIVE	Seeking employment Summer-Fall 2017 .	
EDUCATION	Vermont Technical College - Williston, VT Major: B.S. Software Engineering Expected Graduation: December 2017	August 2014 - Present
TECHNICAL SKILLS	Languages: Ada, Bash, C, C++, C#, Java, Javascript, Scala, Typescript Operating Systems: Android, Linux, QNX Tools and Services: Hadoop, Spark, Kafka, Git, SVN, TFS, Make, Ant, Maven, Spring, SQL, MongoDB, Selenium, Jenkins, ASP.net, ADO.net, Net Core	
PERSONAL PROJECTS	SPB9	January 2016 https://github.com/Guppitus/SPB9 A slider puzzle solver AI that implements an A* search using a Manhattan distance heuristic . SPB9 is able to handle (n)by(n) slider puzzles, but is limited by the complexity of its heuristic.
	BDTU	October 2016 https://github.com/Guppitus/BDTU A simple, robust, and relatively featureless back up program written in Java. BDTU makes use of a hash map and Java serialization to store application data. BDTU uses a simple Swing GUI.
	Run Far	December 2016 https://github.com/Guppitus/Run_Far A MVC Java Web Application designed to allow users to track their personal run distances along side fictional and real world distances. Run Far is managed with Maven and uses a non-relational MongoDB database using Spring to store user and site information.
	RPC	April 2017 https://github.com/Guppitus/RPC Roleplaying Coder (RPC) is a roleplaying game designed to teach children at the middle school level programming concepts while simultaneously giving a storyline and unique and entertaining gaming experience. RPC is built with Unity3d using C# and Unity Assets .
	Maximus Iudex	May 2017 https://github.com/Guppitus/Maximus_Iudex A bug marking and checking framework used for maintaining Java programs. Maximus Iudex uses Java Reflection and Annotations to mark and document methods and classes for potential fixes and errors.
	CREAM	June 2017 https://github.com/Guppitus/CREAM A caching mechanism that can return values for keys. CREAM uses soft referenced values, parameterized types and synchronization to provide thread safe use.
EXPERIENCE	Competitive Computing Software Engineer Intern	May 2016 to Present https://competitive.com/ Worked on Valve Works Incite platform custom reporting controllers and Microsoft SQL database. Performed QA for Husky Newton an e business B2B platform. Worked on custom image controllers for internal SiteCore platform environments.
REFERENCES	Available upon request.	